

Phone : Gerrard 1824.

Sale No. 13,404-13,405

W - 23 - 0 - 0

Num: 8-17-6

31 - 7 - 6

Sale to commence at 12.30 o'clock each day.

**THURSDAY and FRIDAY, JULY 13th and 14th, 1922.**

A CATALOGUE OF

# Scientific, Photographic and Electrical Apparatus,

WA/HMM/1/CM  
Sal/21/389

Telescopes and a Variety of Accessories ;

Microscopes by Powell & Lealand, Crouch, Ross, etc. ;  
Three Cinematograph Projectors ; Biunial and other  
Lanterns ; Induction Coils, Transformers, Wireless  
Accessories ; Costly Hand and Stand Cameras with  
Lenses by the leading Makers ; Prismatic Binoculars ;

## **FISHING TACKLE ;**

Gramophones and Records ; Jewellery ; Prints, Paintings,  
Books, and

## **FURNITURE.**

WHICH WILL BE SOLD BY AUCTION, BY

# **MR. J. C. STEVENS**

(STEVENS'S AUCTION ROOMS LTD.)

At their Great Rooms,  
38 King Street, Covent Garden, and 15/16 Floral Street,  
London, W.C.2,

**On Thursday and Friday, July 13th and 14th, 1922,**

At 12.30 o'clock each day.

On view the day prior, from 12.30 till 5.30 o'clock, and Mornings of Sale  
from 9.30 till 12, and Catalogues had at the Rooms, 38 King Street, Covent  
Garden, W.C.2.

Telegraphic Address : **AUKS, RAND, LONDON.**

Established 1760.

RIDDLE, SMITH & DUFFUS, Printers, Windsor House, Kingsway W.C.2 ; and Forest Hill, S.E.23

## CONDITIONS OF SALE.

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**FIRST.**—The highest bidder to be the buyer, and if any dispute arise between two or more bidders the lot so disputed shall be immediately put up again and re-sold. The auctioneer reserves to himself the right to refuse any bid, also to make any alteration in the catalogue.

**SECOND.**—No person to advance less than one shilling; above £2 two shillings and sixpence, and so on in proportion.

**THIRD.**—The purchasers are to give in their names and places of abode, and, if required, to pay down a deposit of five shillings in the pound in part payment of the purchase-money, in default of which the lot or lots so purchased to be put up again and re-sold at any convenient opportunity during the sale or otherwise.

**FOURTH.**—The lots are to be taken away and paid for, with all faults and errors of description, at the buyer's expense and risk, on the day immediately following sale. The auctioneer not being responsible for the correct description, genuineness or authenticity of, or any fault or defect in any lot, and making no warranty whatever.

**Lastly.**—Upon failure of complying with the above conditions, the money deposited in part payment shall be forfeited to the vendors, the lots remaining uncleared shall be re-sold by public or private sale, and the deficiency (if any) attending such re-sale, together with all incidental expenses and charges, shall be made good by the defaulters at this sale.

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*\*\*\* Pictures offered for sale are attributed to the artists named, but no guarantee as to their genuineness is given or implied.*

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### NO LOTS WILL BE TRANSFERRED.

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The Clerk of the Sale has authority to refuse Cheques.

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**A CHARGE FOR WAREHOUSING WILL BE MADE ON LOTS NOT CLEARED PROMPTLY.**

*Telephone :—*

GERRARD, 1824.

*Telegrams :—*

AUKS, RAND.



BUYER

AUCTIONEERS

How Stevens

Date

13th July

Lot	Amount			Lot	Amount		
	£	s.	d.		£	s.	d.
41	1	12	6				
225	1	6	0				
331A		18	0				
338A	1	10	·				
339A	1	8	·				
347	2	·	·				
352		18	·				
353	3	10	·				
354	2	5	·				
355	1	10	·				
362	1	10	·				
363	1	5	·				
365	1	1	·				
366	1	·	·				
367	1	·	·				
368		18	·				
375	2	·	·				
376	1	15	·				
377	1	10	·				
378	1	10	·				
379		12	·				
380	1	5	·				
<u>£ 31 17 6.</u>							

# A CATALOGUE

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## FIRST DAY'S SALE

**Thursday, July 13th, 1922.**

**AT 12.30 O'CLOCK.**

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## ON VIEW:

**Wednesday, 12.30 to 5.30 p.m.**

**Thursday, 9.30 a.m. to 12 noon.**

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## MISCELLANIES.

### LOT

- 1 Letter scales and weights, paper rack, Japanese pen tray, door knocker, and Japanese calculating box
- 2 Sueter lens, and Kodak ditto
- 3 Box chessmen, Indian ash tray, 2 Egyptian bowls, matchbox and ash tray, old English box with figures, Egyptian pen and ink holder, and pair snow-shoes
- 4 Bronze figure and rickshaw
- 5 Two biscuit figures, and 5 engravings
- 6 Leather writing-case, wood desk, 2 work-boxes, and a walnut dressing-case, with fittings
- 7 A pair of old duelling pistols in case
- 8 A small mahogany cabinet of 11 drawers (A.F.)
- 9 A calculating machine, clock and a  $\frac{1}{4}$ -plate magazine hand camera
- 10 A dessert service of 2 stands, 2 dishes, and 6 plates, and a tankard and jug
- 11 A mandolin in case

- 12 An inlaid writing-desk
- 13 Four metal dish covers
- 14 Two old prints after Hogarth, a picture of Chantry woodcocks, and a book on ditto
- 15 Box containing chandelier, glass and sundries, and a brass cornice for bay window complete with rings, 2 bundles brass stair rods, and sundries
- 16 A case of 70 microscopic objects, silver-mounted cigarette case, cigar case, 2 old drinking horns, clipping machine, and case of coloured powder in glass tubes
- 17 Japanese bowl, sponge bowl and cover, pair of chest feet with lion heads, pair of puzzle teapots, and 3 other pieces
- 18 Worcester cup, a sauce-boat, salt glaze jug, vase and teapot, and a pair of decorated vases
- 19 Five small figures of dogs, etc., ash tray, 4 small teapots, match-holder, white vase, 4 pieces lustre ware, and a Turner jug
- 20 Two porringer, Rockingham jug, pair of Worcester handleless cups and saucers, blue sauce-boat, stand and cover, and *famille rose* and Wedgwood plates
- 21 Water container for pipe, Delft money box, Toby jug, double flask, 2 Turner mugs, foxhead cup, Derby oyster dish, salt glaze teapot, and mug with frog
- 22 Twenty-four pieces of china and pottery, various, 12 plates and saucers, and 2 cups
- 23 Twenty-four pieces of china—cups and saucers, jugs, plates, mugs, etc.
- 24 Twelve animals and birds, 6 jugs, 3 pots, and 3 pieces of Worcester china
- 25 Pair 14-in. Japanese vases (A.F.), 9-in. bowl, 6-in. spill on feet, walnut bookslide, letter scales, inkstand, and bell
- 26 A Sheraton tea caddy, an Ascot race game, a box of counters, and a galvanic battery
- 27 Axminster carpet, pink, floral design, 11ft. by 7ft. 6in.
- 28 Large Dresden 2-handled jardinière (flowers in relief)

29 Pewter teapot, and large old brown bowl on 3 glazed feet

30 Six cut-glass port glasses, six ditto champagne-glasses, 6 plain ditto, ditto

31 Two old Chinese plaques

32 Four vols. Pictures of Life and Character, by John Leech, from the collection of Mr. Punch, 2nd, 3rd, 4th and 5th Series, published 1857, 1860, 1865 and 1869

33 Set of 3 old glaze jugs, floral design

34 Four semi-circular pieces of old carved wood, 3ft. by 1ft., 5 pieces 3ft. by 6in.

35 A carved figure, 3ft. by 1ft. 6in., 4 columns, 2ft. by 6in., 4 panels, 2ft. by 1ft.

36 Brass and pewter—2 brass pots and 4 other pieces, a pewter dish, teapot and 8 pepper pots, 2 small jugs, and six sundry articles

37 A copper kettle

38 Seven bundles of books

39 An electric radiator, in good condition

40 A ditto, ditto

41 Two crystal-gazing balls, hypnotic mirror, 10 hypnotic discs, scales and weights in mahogany box, and Masonic apron

42 Copper coffee whistling pot with spirit lamp and stand, 2 copper jardinières, and 2 photo frames

43 Two old English mahogany frame chairs

44 A No. 4 bull's-eye Kodak, and box of photographic sundries

45 A plated oval tray, a Sheffield snuffer tray and snuffers, a wine funnel, sugar basin, with glass liner and sifter, a matchbox, and a pair of opera glasses in case

46 Four bandoliers, 2 German helmets, and sundries in trunk

47 Violin and bow in case, and a guitar

48 Two rhino hide sticks, 3 whisks, 3 kerries, 3 swords, a bayonet, and a Jap. sword

49 Zulu shield, 2 African sticks, Indian horn ditto, and various weapons

50 Photographic tripod, and 3 dark slides

51 Eight silver and other badges, etc., 6 ivory rings, 9 bronze and other metal items, military belt, pencil sharpener, and a strop, etc.  
 52 Sundry china in box, and bundle of books

### GRAMOPHONE RECORDS, &c.

53 Edison's standard brass horn phonograph, 12 records, no reproducer  
 54 Eighteen records, 10in.  
 55 Ditto  
 56 24 ditto  
 57 Twenty double-sided 10-in. records, and two 12-in. ditto  
 58 Twelve 12-in. H.M.V. gramophone records, mostly by Caruso, in album  
 59 Twelve ditto, by Tetrazzini, etc.  
 60 Twelve 12-in. records, in album  
 61 Twelve 10-in. ditto  
 62 Three 12-in. and nine 10-in., in album  
 63 Eleven various records in album  
 64 A concert clarinet  
 65 Eleven gramophone records

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66 An old Indian brass figure  
 67 A lace fan, and a tortoise-shell fan  
 68 Gentleman's bicycle  
 69 Esmond cycle saddle, and a tea basket fitted with spirit lamp and kettle  
 70 Gentleman's cycle, "The Royal," 1922, high grade up-to-date model, fitted 28-in. wheels, Dunlop, raised handlebars, double roller lever brakes, spring saddle, Brampton chain, B.S.A. free-wheel, rat-trap pedals  
 71 Cycle, juvenile, "The Royal Scout," absolutely new, 1922 model  
 72 Portable gramophone, late model, and 12 double-sided records  
 73 New motor cycle plated gas lamp  
 74 Australian pears, case containing 24 large tins S.P.C. brand, choice quality  
 75 A ditto lot  
 76 A ditto lot  
 77 A ditto lot

78 Bath soap—18 dozen Parisian Ideal Bath Soap,  
4-oz. tablets, 4 colours, scented, in boxes of  
1 dozen

79 500 hand-made Virginia cigarettes, in cartons of  
20's

80 500 ditto

81 500 ditto

### **JEWELLERY, COINS, &c.**

82 Series of silver and copper coins in walnut box

83 Silver coins :—Prussian thaler, 5; Bavarian  
gulden, 3; Swiss 5-francs, 1; Italian 5-lire,  
and 10 other large German, Polish and other  
coins; in all, 21

84 Pair gold and cornelian earrings, 3 rings, 2  
cameos, and tie pin, etc.

85 Pair of brushes and comb

86 Eight-day striking clock, and family scales

87 Imitation pearl necklace, silver coin bracelet,  
row of beads, and sword pin

88 A morocco jewel case

89 An entrée dish, a dozen meat knives, and  $\frac{1}{2}$  dozen  
cheese knives

90 Two pairs skates, and a pair roller skates in case

91 A coffee making cup, a Cona coffee machine, and  
2 patent coffee pots

92 Portrait of lady, in gilt frame

93 Number of jewellery cases

94 Twelve plated knives, and 12 ditto forks

95 Plated tea-set and tray

96 Plated cheese dish

97 Dressing-case and fittings

98 Plated fish server and fork

99 Seven wristlet watches (A.F.)

100 Six silver wristlet watches (A.F.)

101 An 18-carat lady's keyless gold watch, in  
going order

102 Silver wristlet watch, with silver bracelet

103 A single stone diamond ring, 18-carat

104 A diamond half-hoop ring

105 A single stone diamond pin

106 Seven antique intaglio and other rings

107 Two antique paste and one pearl cluster ring

108 Four gold hair rings  
 109 Four antique gold brooches  
 110 Three ditto, ditto  
 111 Three coral bracelets, gold-mounted  
 112 A coral bracelet, 2 brooches, and a pair coral  
 earrings

### FISHING TACKLE, &c.

113 A 17-ft. rod with extra top  
 114 Two telescopic gaff hooks, and a landing net  
 115 A fly fishing rod, and a large reel by A. & N.S.  
 116 A rod by Enwright, Castleconnell, with extra top  
 117 Gaff hook, 2 handles for nets, various parts of  
 rods, and a rod box  
 118 Eight golf clubs in bag  
 119 Two japanned cases with a number of minnows  
 and prawn tackle, spinning tackle, several  
 pounds of sea leads and a Salter's 40-lbs. fish  
 scale, and 2 books, *The Badminton Library*,  
 "Shooting"  
 121 A fine split-cane trout rod by A. & N. Stores,  
 with an aluminium check reel and line  
 122 A salmon rod with extra top  
 123 A fine split-cane salmon fishing rod, by A. & N.  
 Stores, and a check reel  
 124 Two sea fishing rods, and 2 extra tops in canvas  
 bag  
 125 A 4-joint trout rod  
 126 A landing net, 2 bamboo poles, steel bar, and  
 3 tripods  
 127 A 6-in. mahogany reel and line  
 128 A 5-in. mahogany check reel and line  
 129 A 4½-in. metal check reel, by Malloch, with line,  
 and a 3-in. ditto, by Farlow  
 130 A 3½-in. metal check reel, by A. & N. S., with  
 line, and a 2½-in. brass reel and line  
 131 A 4-in. check reel, a hand winder, and a portable  
 canvas tackle case  
 132 A tin box with two trays containing hooks,  
 salmon flies and sundries  
 133 A japanned box containing hooks, balance,  
 weights, swivels, and sundries

134 A 12-ft. 3-jointed trout rod, cork grip, with extra top joint in bamboo landing rod

135 A 11-ft. 6-in. ditto with extra top joint in landing rod

136 A boxwood line drier with extra winder, and a 6-ft. rod and tackle case

137 A 10-ft. 3-jointed greenheart trout rod with extra top joint cork grip, by Hardy Bros.

138 Telescopic gaff with wooden handle, by Hardy Bros.

139 Four metal boxes containing 400 salmon and trout lures and flies (new)

140 A split cane, double built steel centered, 18-ft., by Hardy; greenheart butt joint, universal winch fittings, lockfast joints, 2 fly tops, and trolling top, in case

141 A greenheart fly rod, by Eaton & Deller, 2 tops, a ditto by Warner, Redditch, and a split cane fly rod, 2 tops

142 A 14-ft. cane bottom rod, 2 tops, another cane rod, ditto

143 Eight golf clubs in bag

144 Two fishing rods.

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145 An album of picture post-cards of foreign and Colonial views

146 Sleeping tent, double lined and damp proof

147 A 12-in. cowhide attaché case

148 A 16-in. ditto

### TELESCOPES AND ACCESSORIES.

151 Telescope, by Hilger, with tripod head in case

152 A reflecting telescope, by Jas. Short, in case, with 2 eyepieces and table tripod stand

153 Brass astronomical telescope, by Steward, 3-in. O.G., and 2 eyepieces, in case

154 Another, with 3-in. O.G., eyepiece and table tripod, in case

155 Massive brass equatorial mount, on adjustable iron stand

156 A universal equatorial mount, with vernier circle

157 An oak garden tripod for telescope

158 Mahogany garden tripod, massive metal tripod, and 3 Hook's joints

159 Two metal telescopic tripods, and 2 ditto with holders for small telescopes

160 Four brass table tripod stands for telescopes

161 Four ditto

162 Three brass and 1 plated ditto

163 Nine tripod heads for telescopes

164 Two table tripods in mahogany boxes

165 Seventeen tripod parts, holders, etc., for telescopes

166 Four Star finders for telescopes

167 Six terrestrial eyepieces

168 Eight larger ditto

169 Three-draw telescope by Ross, in leather sling case, pair of binocular telescopes (A.F.), and quantity of sundries

170 Five diagonals

171 Seven telescope eyepieces, various

172 Eight ditto

173 Eight ditto, with sun caps

174 Nine ditto, ditto

175 Eyepieces, various, etc., 17 pieces in box

176 Pair of 8x Goerz-Trieder prismatic binoculars, in case

177 Three pairs of field glasses in cases

### FURNITURE, &c.

178 Mahogany hall table, with drawer under

179 A hanging mirror, Queen Anne design

180 Pair French candlesticks, and two old pieces Worcester and sundries

181 A 14-day French clock, by Hausberg, Paris, in case

182 Gilt clock, in glass shade

183 Well-carved Moorish stand, and a Sutherland table

184 Mirror in gilt frame

185 Satinwood display cabinet, good quality

186 A 4-ft. mahogany dressing table, fitted with 7 small drawers and swing mirror

187 A 4-ft. shaped marble top and back washstand

188 A glass fire-screen on brass and iron stand

189 A well-made mahogany cabinet of 8 drawers, 42 by 26in., suitable for prints

190 Twenty-four oxidized oval stair rods and eyes, *en suite*

191 A gas boiler with brass tap and lid

192 A 3-ft. carved oak bureau, fitted 4 long drawers and pigeon holes

193 A 4-drawer oak filing cabinet

194 A 2-drawer ditto

195 A 2-drawer ditto

196 A smaller 2-drawer ditto, and 2 oak stationery racks

197 A Roneo rotary duplicating machine on stand

198 Smith Premier typewriter, No. 10

199 A ditto, No. 4

200 A copying machine

201 Nine dozen bottles copying ink for duplicators, at per dozen

202 Twenty dozen typewriter ribbons, "Monarch," at per dozen

203 A cloth-lined brown centre fur hearthrug

204 A 3-ft. oak bureau, 3 drawers

205 A 3-ft. oak bureau

206 Boghazli Persian pattern bordered rug, 6ft. 9in. by 4ft. 3in.

207 Ditto

208 A Persian pattern bordered rug, 6ft. 9in. by 4ft. 3in.

209 A hip bath, 6 soda siphons, 6 china beer engine handles, set copper weights and hand scales, 3 water filters (pottery), and 3 augers

210 A roll of linoleum, 9ft. by 7ft., a framed engraving, and a tin chest

211 A 4-ft. 6-in. iron bedstead (black)

212 A 3ft. 6-in. black and white combination, wire spring, iron

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213 Portfolio of engravings and coloured prints

214 A trunk of stuffed birds' wings, various

215 A wool overcoat

216 Brass kettle

217 Gold keyless demi-hunter, fine movement, lever

218 Figures on horseback

219 Small mahogany bracket clock, 8-day

220 Three coloured prints, quantity small ditto, 8 hand-painted ivory and other fans, plated milk jug, pair clogs, and prismatic compass

221 A  $\frac{1}{6}$ -h.p. 20-volt motor

222 Pair ormolu 4-lights (A.F.)

223 A collection of 167 coloured prints of old masters

224 A 20-in. cowhide week-end case

225 A large travelling trunk



### PHOTOGRAPHIC APPARATUS, &c.

226 A  $\frac{1}{4}$ -plate Beck lens with iris, and a 12 by 10 Dallmeyer lens

227 A No. 3D portrait lens, by Dallmeyer

228 A  $\frac{1}{2}$ -plate mahogany camera, with Beck symmetrical lens in T.P. shutter, and a D.D. slide

229 A mahogany stereoscopic camera, with pair of Wray lenses

230 A 12 by 10 Watson camera, 2 D.D. slides, and folding tripod, and a 12 by 10 light camera, 3 D.D. slides, in canvas case

231 A  $\frac{1}{2}$ -plate camera, 2 D.D. slides, a Billcliffe panel midget, 4 on  $6\frac{1}{2}$  by  $2\frac{3}{8}$ , a repeating back, and a stereoscopic camera and lenses, and 1 S.D. slide

232 A Darlot Cab quick-acting portrait lens, no stops, a French ditto lens (stops), a ditto, ditto (no stops), and a C.D.V. single lens (no stops)

233 A 12 by 10 electric printer, with plex, etc., ready for use, and a Renaud's Cab printer, ready for use, and various carriers

234 Thirteen whole-plate and larger solid oak printing frames, and four Kodak panoramic printing frames

235 Four lenses and 3 lens parts

236 A large camera, complete with lens, and 3 double dark slides, equivalent to 12 by 10

237 Houghton's  $\frac{1}{4}$ -plate adapter, and 23 sheaths

238 Salver, silver-plated mount, and an electric light table standard

239 Twelve packets of 5 by 4 plates

240 Six dozen microscopic slides

241 A burnisher

242 A  $\frac{1}{4}$ -plate Ernemann folding camera, T.B.I. shutter, Doppel objective, Series A, F/8 lens, 3 slides, metal hooded focusing screen, brilliant view-finder

243 Vest pocket size to  $\frac{1}{2}$ -plate daylight enlarger, by Houghton-Butcher, for plates or films, in good order

244 A 13 by 18cm. folding camera, with Goerz-Syntor lens, speeded shutter with antinous release, 6 metal dark shades, Ortho screen, etc., in leather sling case; also collapsible metal tripod with ball joint top

245 A Zeiss-Tessar lens, F/6.3, with compound shutter, for  $\frac{1}{4}$ -plate

246 Grubb B1 F/4 portrait lens,  $8\frac{1}{2}$ -in. focus, with flange and stops, good condition

247 Moor's post-card strip printer, 6 on, Russian iron body, and mahogany board

248 Studio lamp and stand (electric), and post-card printer (strip)

249 Box of cog wheels, ratchet wheels, etc.

250 Four large and 2 small cases of stops, and 18 other sets without cases

251 Eleven lens flanges, assorted

252 Chemical glass and photographic sundries

253 Box of clockmaker's parts

254 A  $\frac{1}{4}$ -plate Thornton-Pickard camera, with focal plane shutter (no lens), and 6 double dark slides, in leather case

255 A Ross 12 by 10 rapid symmetrical lens, with iris

256 A Dallmeyer Adon telephoto lens, in leather case

257 A Zeiss anastigmat lens, with iris, F/317mm.

258 A  $20\frac{1}{2}$ -in. lens (no stops), and an Aldis lens, with iris

259 Two large studio lenses, a 7 by 5 lens, a prism, lens mount with iris, Sanger Shepherd colour filters, and sundries

260 A large mahogany studio camera

261 A ditto

262 A long slide for studio camera on stand, an iron stand with roller press, 2 New Century arc lamps, and sundries

263 A folding camera stand, 2 squares heavy plate glass, various dishes, printing frames, plates, and photo sundries

271 A  $3\frac{1}{2}$  by  $2\frac{1}{2}$  No. 12 Premo folding camera, R.R. lens, Kodak shutter, and F.P.A. leather case

272 A 3A auto Kodak Junior, for films, post-card size

273 A 3A folding auto Brownie, for R.F. post-card size, achro. lens, latest

274 No. 1 Ensignette camera and case

275 V.P. Ernemann roll-film camera, Ernemann Det., F/6.8 lens, speeded shutter

276 A  $3\frac{1}{2}$  by  $2\frac{1}{2}$  R.F Ica camera, F/6.8 Novar anast. lens, and compound shutter

277 A  $\frac{1}{4}$ -plate roll-film camera, R.R. lens, F/8, speeded shutter

278 A V.P. Contessa Nettix camera, achro. lens, speeded shutter, hooded screen, 3 single slides in wallet, and F.P. adapter

279 A  $3\frac{1}{2}$  by  $2\frac{1}{2}$  folding Klito Junior, with Plutar E.R. aplanat lens, F/8, Ensign speeded shutter, hooded screen, and 2 single slides

280 A  $\frac{1}{4}$ -plate folding Klito camera, stirrup rising front, rect. sym. lens, F/8, T.B.I. shutter, hooded screen, and 2 single slides

281 A  $\frac{1}{4}$ -plate folding Cameo camera, achro. lens, T.B.I shutter, brilliant and direct finders, hooded screen, and 2 slides

282 A  $\frac{1}{4}$ -plate folding plate camera, rising front, achro. lens, T. & I. shutter, focusing screen

283 A 9/12cm. folding Fotax plate camera, rack focusing, rising front, periscope aplanat lens in vario-speeded shutter, hooded screen, and 2 single slides, F.P.A.

284 A 12 by 10 Field camera, solid mahogany, sym. lens, F/8, R.B. shutter, and 3 D.D. slides

285 Zeiss D water dimension objective in case, 4.2mm. focus

286 Fine student's microscope, by Baker, horse-shoe stand, draw tube screw, fine adjustment,  $\frac{1}{2}$ -in. and  $\frac{1}{6}$ -in. objectives, eyepieces, mahogany case

287 A Goerz V.P. Tenax camera, Goerz-Dagor anast. F/6.8 lens, fully speeded shutter, F.P.A., velvet-lined case

288 A Griffin's folding daylight enlarger,  $\frac{1}{4}$ -plate to 10 by 8

289 Pilischer microscope in solid brass ; hand grip pattern inclinable stand, coarse and fine adjustment, mechanical stage, rackwork, substage carrier, Plano concave mirror, 2 eyepieces,  $\frac{1}{4}$  and  $\frac{1}{6}$ -in. Pilischer objectives, live box and polariser, and wood carrying case

290 A  $\frac{1}{2}$ -plate Junior Sanderson H. or S. camera, triple ext. all movements, Beck sym. lens, F/8, Unicum speeded shutter, reversing back, hooded screen, 3 D.D. slides, and leather case

291 A  $\frac{1}{4}$ -plate T.P. Ruby reflex, with Aldis anast. F/6.3 lens, 6 single slides, and velvet-lined leather case

292 V.P. to  $\frac{1}{2}$ -plate Clincher daylight enlarger

293 Wray-Lustrar F/5.9 6-in. anast. lens, in sunk mount

294 T. P. Cooke anast. lens, F/4.5,  $5\frac{3}{4}$ -in. focus, in sunk mount, iris, and flange

295 A  $\frac{1}{4}$ -plate folding Cameo camera, stirrup rising and cross front, achro. lens in Lukos I shutter, hooded screen, and 3 single slides

296 Stereo-reflex camera, rack focusing, Ross hono-centric lenses, F/6.3, 5-in. focus, F.P. shutter, 6 D.D. slides, and focusing screen

297 Fine set of drawing instruments, 11 pieces, in velvet-lined case leather

298 A 15 by 12 sq. bellows studio camera, Darlot lens, revolving stops, sliding panel, a 15 by 12 studio slide, a whole-plate attachment, whole-plate studio slide, half-plate, and P.C. carriers

299 Fine set of 66 lantern slides of Egypt, and carrying case

300 Ediswan Pointolite resistance for 100-volt, 110-volt, 220-volt, 222-volt, and 240-volt switch, flex, plugs, bulbs, holder, also tray (as new)

301 Oxy-hydro blow-through jet, with tray

302 A 9/12cm. T.P. tropical reflex, in brass-bound teak, Cooke Series III anast. lens, F/6.3, T.P. Unit F.P. shutter, 6 D.D. slides, and canvas case

303 Goerz Dogmar anast. lens, F/6.3, 135mm. focus, in sunk mount, focusing, iris diaphragm, and flange

304 No. 3 Eastman folding plate camera, rack focusing, Steinheil Munchen F/4.5 anast. lens, Compur fully-speeded shutter, D.D. finder, F.P.A., and 3 D.D. slides

305 Small electric motor

306 Small compact improved microscope, coarse adjustment, an eyepiece, an objective, and a reflector

307 A 9/12c.m. Voigtlander camera, D.E. rising and cross front, Voigtlander Heliar lens, F/4.5, fully speeded compound shutter, F.P.A. focusing screen, 6 metal slides, and leather case

308 Heavy brass microscope, by Baker, coarse and fine adjustment, double nosepiece, swing-out substage, eyepiece,  $\frac{1}{6}$ -in. Beck objective

309 Pair Ross 6x prismatic binoculars, eyecup focusing, and leather case

310 Fine 3-draw telescope, 2-in. object glass, and leather case

311 A  $\frac{1}{4}$ -plate folding plate camera, rack focusing, rising front, Busch rapid rectilinear lens, F/8, auto speeded shutter, focusing screen, 6 single slides, and 2 leather cases

312 A 9 by 12cm. Ernemann camera, adapted for  $\frac{1}{4}$ -plates, Ernemann F/8 lens, T.B.I. shutter, hooded screen, 4 single slides in wallet

313 A  $\frac{1}{4}$ -plate folding Klito, achro. lens, T.B.I. shutter, hooded screen, and 3 single slides

314 A V.P. Contessa Nettix camera, achro. lens, speeded shutter, focusing screen, 3 single slides in wallet, F.P.A.

315 A  $\frac{1}{4}$ -plate folding camera, achro. lens and Wizard speeded shutter, focusing screen, 2 D.D. slides, and case

316 A  $\frac{1}{4}$ -plate folding camera, rising front, Primus Beck lens, F/8, Unicum fully-speeded shutter, focusing screen, and 2 single slides

317 A  $\frac{1}{4}$ -plate folding Pecto No. 1A camera, achro. lens in shutter, focusing screen, and 2 D.D. slides

318 A  $\frac{1}{4}$ -plate folding Cameo camera, old model, achro. lens in T.B.I. shutter, hooded screen, and 3 single metal slides

319 A  $\frac{1}{4}$ -plate folding Ernemann camera, rising front, Det. aplanat lens, F/6.8, speeded shutter, D.V. finder, hooded screen, and 3 single slides

320 A 5 by 4 hand or stand folding camera, R.R. lens, Gundlach fully-speeded shutter, hooded screen, and 2 D.D. slides

321 A  $\frac{1}{4}$ -plate folding camera, rising and cross front, Periscop Alpha lens in speeded shutter, hooded screen, F.P.A., and 3 slides

322 A  $3\frac{1}{2}$  by  $2\frac{1}{2}$  roll-film camera, with Busch Det. aplanat lens, F/7, T.B.I. shutter

323 No. 1 F.P. Kodak for roll films,  $3\frac{1}{4}$  by  $2\frac{1}{4}$ , old model

324 A 5 by 4 folding H. or S. camera, D.E., F.P. shutter, D.V. finder, hooded screen, and 3 brass-bound mahogany bookform D.D. slides

325 A  $\frac{1}{4}$ -plate Cycle Wizard camera, R.R. lens, F/8, Wizard shutter, focusing screen, and a D.D. slide

326 A 1A F.P. Kodak for roll films,  $4\frac{1}{2}$  by  $2\frac{1}{2}$ , old model

### PRINTS, PAINTINGS, BOOKS, &c.

327 An engraving, "Majesty," signed Landseer, in gilt frame

328 Three engravings, Hunting Scenes, by Alfred Strutt, framed and glazed

329 An engraving, "Lion's Head," signed H. Dicksee

330 Two engravings, Napoleon at Fontainebleau, and Retreat from Moscow

331 An engraving after Jeannin, and a sketch by Hellier, "Portrait"

331A A parcel of odd prints and copperplates

332 A parcel of Baxter type prints, lithographs, mezzotints and aquatints

333 Twenty-eight sporting prints, including 4 by Alken

334 About 250 old costume prints

335 Three parcels of topographical prints

336 A number of water-colour drawings and sketches

337 Four water-colour drawings by P. Braddon, and 26 lithographs after Birket Foster

338 Three parcels of prints, portraits of celebrities

338A Oil painting—The Wreck, attributed to Turner

339A Painting on glass—Still Life; another painting on panel—Beetles, in massive gilt frame

339 A quantity of etchings and miscellaneous prints

340 Seapiece—Off the Needles, H. Musgrave, exhibited at Royal Academy, 1897

341 Seapiece—Yarmouth Roads, David James

342 Seapiece—Off Dover, by T. C. Cooke

343 Oil painting—Bathers, unknown

344 Framed drawing—Valour, and parcel of prints

345 Fine photogravure—Nana

346 Large Japanese needlework wall panel

347 Books—2 parcels, and 3 scrap-books

348 M. Jackson—A Saturday afternoon, and another—River scene

349 Four engravings, and a print after C. Aldin

350 Picture—R. Burns, and horses, in gilt frame

351 Parcel of old prints

352 Motley's Dutch Republic 3, History of the Romans 6, Works on Ancient and International Law, etc., 13, and 17 various (39)

353 Four pictures from Dr. Miller's collection, unknown—Dementia, The Wake, The Blister, Delirium

354 Four pictures from Dr. Miller's collection, unknown—The Diagnosis, Intemperance, Greenwich Hospital, Last of the Race

355 An old Roman book on Anatomy, Memoirs of Doctor Abernethy, and 3 others

356 A pair of etchings—Stirling Castle, by A. H. Geyer, framed and glazed

357 Pair of ditto—Old Stirling Bridge

358 Pair of ditto—Views in Stirlingshire

359 Pair of ditto, ditto

360 Another pair

361 Another pair

362 Palaeontological Society, Vols. LVII-LXI (5) ; Nature, Vols. 44-48 (5), bound ; Natural Science, Vols 1-5, bound (5) ; Museums Journal, Vols. 10-20, in parts

363 Geologists' Association Proceedings, 45 parts ; Geological Magazine, 1909 (11), 1910 (9), 1911 (complete), 1912 (11), and 17 odd parts ; Naturalist, 20 parts ; Quarterly II. Geol. Soc., 8 parts ; Science Progress, 7 parts

364 Martin's Petrificata Derbyiensia, 1809, with book-plate of Joseph Wright ; Martin's Extraneous Fossils, 1809 ; Hooker, English Flora, Vol. V., Parts 1 and 7

365 Geological pamphlets, 4to (many plates), (26) ; Odd parts Geological Reports, etc. (20) ; Geological pamphlets (200) ; large atlas

366 Four bundles miscellaneous books, and a bundle Whitaker's Almanack

367 Four ditto, ditto

368 Old elephant gun 1352

369 Engraving on copper, gilt, dated 1566, in box ; and pewter plate, Swiss, with coats of arms, Saxon shield, boss, etc.

370 Sixteen engraved copperplates, various, and a block

371 Lloyd's Naturalists Library, 16 vols., complete, with coloured plates

372 Cassell's Naturalists Library, 6 vols., complete, illustrated throughout ; Wood's Naturalists Library, 3 vols., complete with woodcuts

373 Wood's Naturalists Library, complete in one vol., with woodcuts ; Jardine's Naturalists Library, 2 vols., 1st edition, with hand-coloured plates (British quadrupeds and British moths)

374 Stern's Sentimental Journey, Edition de Luxe ; Letters of Queen Victoria, 3 vols. ; Strachey's Queen Victoria ; Fielding's Works in 12 vols., and others (50)

375 History of Richmondshire, 1823 (2) ; Camden's Britannia, 1806 (4) ; Antiquarian Repertory, 1807 (4) ; and 7 (17)

376 Batty's Italian Scenery ; Elliot's Views in the East (2) ; Scenery of the Himalayan Mountains, and 25 various (29)

377 Poetical Works, Novels, Dictionaries, etc. (64)  
 378 Life and Works of Wedgwood, 2 ; Biographies,  
 etc., 46 (48)  
 379 Books, various, a quantity  
 380 A hamper containing number of old books

### WEARING APPAREL, &c.

381 Black serge coat and skirt (wool), black and  
 white check coat-frock (wool), wool jumper,  
 shoes, set of furs (unlined), hats and sundries  
 382 A lady's brown silk umbrella in case  
 383 A lady's black silk parasol  
 384 Two white waistcoats, and a dress suit  
 385 A grey tweed suit  
 386 A green tweed suit  
 387 A khaki coat and breeches, khaki coat and  
 slacks, and a khaki drill coat and breeches  
 388 A pair of brown boots, and a pair brown field  
 boots  
 389 A leather portmanteau  
 390 Leather kit bag  
 391 Blue lounge suit  
 392 Strong leather-bound trunk, with tray and straps  
 393 Nearly new coat and vest  
 394 A leather suit case  
 395 Solid leather kit bag, lined pigskin  
 396 A theatrical dress, and a Paisley shawl

END OF FIRST DAY'S SALE.

## SECOND DAY'S SALE.

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**Friday, July 14th, 1922.**

AT **12.30 O'CLOCK.**

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### **ON VIEW:**

**Thursday, 12.30 to 5.30 p.m.**

**Friday, 9.30 a.m. to 12 noon.**

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### **MISCELLANIES.**

**LOT**

- 401 A 10-in. aneroid barometer
- 402 Two glazier's diamonds
- 403 An antique silver and blue enamel necklet and earrings
- 404 Five 1-dozen packets 5 by 4 Ilford plates
- 405 Three 1-dozen packets Ilford  $\frac{1}{4}$ -plates, 6 packets P.O.P.
- 406 Wizard vacuum cleaner and fittings
- 407 A large 5-hole knife machine, on stand
- 408 A 14-in. Canadian lawn mower
- 409 A 12-in. Gem lawn mower
- 410 Bissell's Standard carpet sweeper
- 411 A parcel of music
- 412 Box druggist's sundries
- 413 A Nye's 3-hole knife machine, in good order
- 414 Three 2-volt 30-amp. and one 40-amp. 4-volt accumulators
- 415 A Pathé sound box, with sapphire needle
- 416 A good-toned violin, with bow in case
- 417 Thirteen vols. of Voltaire's works
- 418 Twelve high-class 10-in. double-sided records

419 Six Pathé 10-in. double-sided records  
420 Six Pathé 8-in. double-sided records  
421 Six 12-in. double-sided records  
422 A 15-in. lawn mower  
423 Zebra skin  
424 An English concertina, by C. Wheatstone, in case  
425 About 200 copper coins and tokens  
426 Five violin bows  
427 A pair of opera glasses by Kuhn, Lucerne, in case  
428 An ivory-mounted spy glass and a large reading glass, in brass frame  
429 An antique steel casket and a dagger with silver-mounted sheath  
430 About 245 engraved mother-of-pearl counters  
431 A curious old Chinese wood and ivory carving, a pair of carved wood dogs' heads, and an old lac card box  
432 Seven pieces of ivory, weighing about 20lbs., and a quantity of smaller pieces, about 12lbs.  
433 A pair of massive chased ormolu 10-light candelabra brackets  
434 A very fine tortoise-shell and feather fan  
435 A finely carved ivory fan and another painted with scenes and figures  
435A A 1-string fiddle and horn, and banjo  
436A Pair of powerful field glasses (Aris, Paris)  
436 Thirty safety razors (Gillette pattern)  
437 Box of bicycle parts  
438 Box of tools, etc.  
439 Lot of paste boxes, silver polish, puncture healers  
440 Two boxes of all kinds of accessories  
441 Three large steel spanners  
442 Three boxes of electric bulbs  
443 Two accumulators  
444 Acetylene generator, motor-car type  
445 Grindstone, large fly-wheel, ball-bearing  
446 Paraffin oil lamp (in good order)  
447 Large tub, deck chair, wicker chair, 3 spring-blind rolls  
448 Acetylene signalling lamp, and acetylene stand  
449 Twelve bicycle chains, new

450 Box of electrical accessories  
 451 A 6-in. capstan slide rest, new  
 452 Tools: 5 double plane irons, 8 single ditto, 12 guillotine blades, 1 spokeshave, and 9 frame saws (all new)  
 453 A millwright's ratchet brace, and a Salter's spring balance  
 454 Thirty-two burglar alarms, complete, and 5 ditto without charges  
 455 Chemical balance in case, Oertling, and set of scales with weights  
 456 56lb. of Nettlefold's screws, assorted  
 457 *Boley watchmaker's lathe*, 2-in. centre, divided headstock, fitted with draw-in spindle, compound slide rest, lever tailstock with interchangeable push centre, extra headstock with centre, 12-in. bed, 10-in. ditto, also revolving bed, pedestal stand, 3½-in. gunmetal face-plate, fitted with three adjustable steel jaws and pump centre, hand-rest fitted with three tees, set of 5 step disc chucks, 7 split drill chucks, driver chuck, etc., etc.; complete in strong case, in perfect order  
 458 A Japanese carved ivory figure of a Geisha girl  
 459 A long Chinese necklace, with pendant, and mounted drops  
 460 An inlaid oblong lac tray  
 461 A pair of fine Chinese paintings on rice paper, in frames  
 462 Two finely-carved ivory netsuké  
 463 A Japanese short sword, with carved monkeys  
 464 A carved group of Japanese figures  
 465 Pair fine quality Chinese plates  
 466 Six Chinese paintings of figures, on rice paper, in frames  
 467 An Elswick bicycle

### **JEWELLERY, PLATED ITEMS, &c.**

468 Three cut-glass fruit stands  
 469 Two silver-plated candlesticks, by Elkington  
 470 Barometer, in mahogany case  
 471 Case of 7 fine quality razors, by Buller, Sheffield  
 472 Pigskin camera case

473 Dressing case with heavy silver mounts  
474 Mahogany cigar cabinet  
475 Antique box, with gold-mounted miniature on ivory  
476 Rolled gold Waltham watch  
477 Fine quality Gardner's barometer, correct  
478 Lady's 18-carat gold 5-stone diamond ring  
479 A 15-carat brooch, pair 15-carat earrings, and 9-carat tiepin  
480 Loving cup, and three other cups  
481 Three ladies' wrist watches, one silver  
482 Two gold watches  
483 Three ladies' gold wrist watches  
484 A 9-carat necklace, 15-carat ring, and 18-carat ring  
485 Three silver lever watches, and case  
486 A 9-carat bracelet, and lady's gold watch bracelet  
487 Three Irish (Georgian) gravy ladles  
488 Two ditto ladles  
489 Knife, fork and spoon, in case  
490 Two pairs sugar tongs  
491 Twenty-seven 17th Century tokens, and 100 Chinese coins  
492 156 Greek and Roman coins  
493 Seven Queen Elizabeth shillings, and 16 other silver coins  
494 Queen Anne silver medal (1713), and 20 others  
495 Nineteen Roman silver coins, and a silver decoration, in case  
496 504 coins and tokens, including sundry cart-wheel 2d. pieces  
497 Underwood's odometer, electric coil, and sundries  
498 Imitation pearl necklace  
499 Gold signet ring  
500 Diamond ring  
501 Box of false teeth, with pins  
502 Two cut-glass scent-bottles, and plated dish  
503 Lady's 18-carat gold watch bracelet  
504 Diamond brooch and pendant

## SCIENTIFIC APPARATUS, &amp;c.

505 Wood-carving tools, 21, in baize roll

506 Monocular microscope, coarse and fine adjustment, polarizer and analyser, Zeiss A and D objectives, in case, with key

507 Box of chemicals

508 Prism with fitting for lantern, sunspot glass, lantern slides (yachts), stereoscope, and sundries in box

509 Fifty lantern slides—Greece and Asia Minor, in carrying case

510 Oxy-hydrogen lamp for magic lantern

511 *Bi-unial or double-bodied dissolving view apparatus*, consisting of mahogany body, brass fronts, two condensers (4in.), two double achromatic front lenses (rack fronts), two trays, one tap, six-way dissolving tap, brass curtain shutter, two cut off mixed jets, two Beard's regulators, one "O" and one "H," complete in case

512 *Microscopic attachment* for lantern projection, an alum trough for same, fitted with 2-in. objective

513 *Portable screen stand*, with 4 brass elbows, etc., in case

514 *Cycloidotrope* for showing geometrical designs on screen, in case

515 Two oxygen regulators, one high pressure and one low; 2 mixed jets, and a British oxygen injector

516 A mahogany binocular lantern fitted for gas, oil, and acetylene

517 Hegar's dilators, perforator, hook, trepanning instrument, aspirator, a chloroform mask and knife

518 *New cinematograph projector*, by Grass & Worff, Berlin, fitted with special lecturing shutter, enabling film to be left stationary in the gate without risk of fire; complete with 1,000 c.p. bulb, bulb holder, resistance, 4 metres of wire with socket, lens by Meyer; Goerlitz, film rewinder, machine packs in two excellent wooden boxes, complete with locks and key; also suitable for projector stand, as boxes can be lowered or raised; all accessories

519 *Baird's flickerless projector, mechanism enclosed in aluminium case, complete with lens, motor, etc., on nickel-plated stand*

520 *Ditto*

521 Optical lantern, in case, with lens, no condenser, in case

522 Chadwick's lecturer's lantern, Russian iron body on mahogany base, with 3 condensers, 2 projection lenses, another lens, extra flange and colour screen, in travelling case

523 A 10-in. induction coil, by Apps, on mahogany base, in travelling case

524 A 4-in. induction coil, in travelling box, with padlock

525 Bichromate batteries, Geissler tubes, flasks, etc., in case, with padlock and key

526 A large prismatic projection for lantern, by Newton, in mahogany case

527 An oxy-hydrogen jet, by Newton

528 A variable resistance, magneto tube spinner, and and 8-volt dynamo

529 Thirty-four lantern slides in box, 4 slide carriers, gas bag, and sundries

530 Microscope lamp, section cutter, silvered reflector, a condenser stand, large glass trough, and cardboard slide box

531 Case of gramme weights, Faber's slide rule with book of instructions, and a small condenser and flange

532 Switchboard voltmeter, 2 small voltmeters, and an amperemeter

533 Retort stand, spark gap, glass tubes and sundry X-ray apparatus

534 Student's microscope, by Beck, coarse rack and micro. fine adjustment, 2 oculars, 1-in. and  $\frac{1}{4}$ -in. object, in case

535 Powell & Lealand No. 3 microscope, coarse rack and micro. fine adjustment, mechanical stage graduated, rack focusing and centering sub-stage with achro. condenser, large double mirror, fitted with long and short tubes. etc., oculars and spot lens ; fitted in mahogany case, with small case for accessories

536 Fine quadruple nosepiece for microscope

537 Zeiss No. F  $\frac{1}{2}$ -in. immersion objective  
 538 Large bull's-eye stand condenser  
 539 Air pump, with bell jar, mounting turn-table and small hand microtome  
 540 Double nosepiece for microscope, by Swift  
 541 Fine best model binocular microscope, by Crouch, with coarse; rack and micro. fine adjustment, mechanical stage, graduated rotating and centering rack focusing and centering substage, fitted with 3 lens, condensers and box of stops, and selenites, polariser and analyser, etc.  
 542 Double nosepiece fitted in mahogany case with 3 objectives and 2 oculars  
 543 A  $\frac{1}{6}$ -in. micro. objective, by Beck  
 544 Fine student's microscope, by Swift, coarse rack and micro. fine adjustment, 1 ocular,  $\frac{1}{8}$ -in. and 1-in. objectives, Abbé condenser, in mahogany case  
 545 Ross Zentmeyer binocular microscope, fitted with high-power prism, coarse rack and micro. fine adjustment, mechanical stage rack rotating and graduated rack focusing and centering and rotating substage, fitted with Abbé condenser, extra large double mirror on swinging tailpiece  
 546 A  $\frac{1}{8}$ -in. micro. objective, by Collins  
 547 A  $1\frac{1}{2}$ -in. micro. objective, by Ross  
 548 A wireless receiving apparatus by Marconi, coupled tuner, crystal detector, potentiometer, etc.  
 549 A  $\frac{4}{15}$  micro. objective, by Beck  
 550 Box containing substage fitting with condenser, polarising prism, compressor, a set of dipping tubes, etc.  
 551 A student's microscope, by Swift, coarse rack and micro. fine adjustment, 1-in. and  $\frac{1}{6}$ -in. objectives, Abbé condenser and ocular, in case  
 552 A parcel of mechanical, electrical and scientific books  
 553 Three boxes of medical microscope slides, a case of microscope accessories, 4 books on biology, and 6 others  
 554 A 4-in. object glass, 63-in. focus, believed Grubb make  
 555 Reichert  $1/12$ th objective

556 Numerous quantity of useful lenses

557 Ross's Wenham binocular microscope in first-class condition, lenses recently cleansed by the makers; 3 pairs of eyepieces, A B C., 6 objectives, 3in.,  $1\frac{1}{2}$ in.,  $\frac{2}{3}$ in.,  $\frac{4}{5}$ in.,  $\frac{1}{4}$ in. and  $\frac{1}{8}$ in.; substage condenser, polarising apparatus with set of selenites, camera lucida, spot lens, and other apparatus; complete in mahogany case with locks and key

558 A monocular microscope, by Pillischer, coarse rack and fine adjustments, revolving mechanical stage,  $\frac{1}{4}$  and 1-in. objectives, 2 eyepieces, live box and stand condenser, in mahogany case

559 A Zeiss dissecting microscope

560 A box containing 4 prisms, diffraction apparatus, etc., and a double image prism, mounted by Hoffman, Paris

561 A compressorium, a hand viewing stage, and 6 dozen Chance's micro. slides

562 An aluminium compressorium

563 A direct vision spectroscope, by Hilger, of high dispersion

564 A 4-in. optimus condenser, and a mahogany box containing chemical glass, and a portrait lens

565 A high-power spot lens (universal size), a turn-table, and a double nosepiece, also a live box

566 A turn-table, a spot lens, a live box, and a pocket microscope

567 A metallic barometer, in perfect order and adjustment

568 Expensive range-finder on tripod

569 Six Azimuth mirrors, in cases

570 Four pairs range-finders, with cords

571 A balance and weights, a case of metal catheters, and skiagraph, in case

572 An aluminium stereoscope, and about 200 Underwood's slides for same

573 A well-made stained pine wardrobe chest, size 4ft. by 2ft. by 19in. deep, with inner tray, containing some glass rope sponges, corallines, etc.

574 Two store-boxes of exotic lepidoptera

575 Botanical collection in six cartons, most specimens classified with data; a 6-drawer cabinet, stained deal, containing fossils, minerals, and shells

576 A scientific instrument with compass and accessories, by Elliott Bros., London, in case

577 A large lens, by Ross, in case

578 A set of 4 camera lenses, by Dallmeyer, London

579 Two large lenses and accessories, in case

580 A large lens, in case, and a ditto condenser

581 Two microscopic instruments and lenses, in mahogany cases

582 A microscopic instrument with lenses, and a quantity of parts, in mahogany case

583 A gyroscope, and a pressure gauge, in cases

584 A large magic lantern lens, 3 smaller ditto, and 22 slides, in case

585 Parts of a microscope with 8 lenses, in mahogany case

586 Seven lenses various, and a gas leak indicator

587 A Stuart's marine distance meter, a marine clinometer by Pascal Atkey, and a set of signal flags

588 A telescope, by Dollond, in leather case

589 Another by Durani, Milan

590 Another by Elliott Bros., London

591 A pair of opera glasses, ivory-mounted, by Callaghan, New Bond Street

### PHOTOGRAPHIC APPARATUS, &c.

592 Ross Panross 5 by 4 6-in. Goerz Celor F/4.8, in focusing mount, self capping focal plane shutter, film pack adapter, 2 double slides, good condition

593 A  $\frac{1}{4}$ -plate Cameo, fine achro. lens, T.B.I. shutter, waterproof case, in perfect order

594 Lizar's  $\frac{1}{4}$ -plate Shew Xit camera, Taylor, Taylor & Hobson, F/5.6 lens, 3 D.D. slides, with case complete

595 Laws' professional incandescent flash lamp, 3 burners, screen and stand

596 Crouch microscope on horse-shoe stand, fine adjustment, objective, 2 eyepieces, and case

597 T.P. 100-watt Radol for 115-volt current, resistances for 120-volt; oxy-hydrogen blow-through jet; pocket compass, by Orr & Sons; and  $\frac{1}{4}$ -plate boxform Premo camera, for flat films

598 A 7 by 5 Eastman plate developing tank; and boxform stereo camera, focusing screen, 1 slide

599 A  $\frac{1}{4}$ -plate Zeiss Minimum Palmos F.P. camera, Ross homo. lens, F.P. shutter, D.V. finder, F.P.A., solid leather case

600 Fulmena 7-in. lens, by Sichel & Co., in sunk mount, F/6.8, also flange

601A A 9 by 12cm. folding Mentor reflex, Zeiss Tessar lens, F/6.3, F.P. shutter, F.P.A.

602A A  $3\frac{1}{2}$  by  $2\frac{1}{2}$  folding Ernemann camera, Ernemann Detective aplanat lens, speeded shutter, D.V. finder, hooded screen and 3 slides

603A A 9 by 12cm. folding plate camera, D.E. Velonar anastigmat lens, Vario speeded shutter, hooded screen, 3 slides in wallet, F.P.A.

601 A 10 by 8 13-in. Wray lens, with flange and stops

602 A  $\frac{1}{4}$ -plate Cameo camera, achromatic lens, 3 slides

603 A 1A folding pocket Kodak, achromatic lens, in perfect order

604 8x Ross prism binoculars, eyepiece focusing, and tan leather case

605 A 5 by 4 folding plate camera, fine rapid lens, F/8.2, fully speeded shutter, 3 double plate-holders, and leather case

606 A  $\frac{1}{4}$ -plate roll-film Lizar's Challenge camera, R.R. lens, fully speeded shutter, in leather case

607 No. 2 bull's-eye Kodak,  $3\frac{1}{2}$  by  $3\frac{1}{2}$ , for roll films

608. 8x Hunsicker & Alexis prism binoculars, eyepiece focusing, tan leather case

609 A 3A post-card folding Brownie, R.R. lens, in perfect condition

610 No. 2 box Brownie, achromatic lens

611 8x prism binoculars, central focusing and tan leather case

612 6x Ross prism monocular, and tan leather case

614 A  $\frac{1}{4}$ -plate instantograph field camera, achromatic lens, 2 double slides, and tripod

615 A  $\frac{1}{4}$ -plate folding Klito, extra rapid Plutar lens, F/8.3, metal slides

- 616 A  $\frac{1}{2}$ -plate field camera, double extension, 2 rapid Lancaster lenses, roller blind shutter, 3 book-form slides, stiff canvas case and tripod
- 617 A  $\frac{1}{4}$ -plate field camera, fine lens, complete with 1 double dark slide
- 618 Metal leather-covered telescope
- 619 Kodak rubber washing trough, pair of clippers, thermometer, 3 printing frames, 3 developing dishes, various packets of paper
- 620 Pair leather-covered field glasses, in leather case
- 621 Jumelle binocular camera, Krauss Zeiss lens, complete with leather case
- 622 No. 2 box Brownie camera,  $3\frac{1}{4}$  by  $2\frac{1}{4}$ , fine achromatic lens
- 623 Post-card roll-film camera, rectimat symmetrical lens, speeded shutter, leather case
- 624 Three-draw metal telescopic tripod
- 625 A 3A folding Kodak, post-card, R.R. lens, speeded shutter
- 626 A  $\frac{1}{4}$ -plate roll-film camera, double extension, rising front, Ross homocentric lens, F/6.3, fully speeded shutter
- 627 A  $\frac{1}{4}$ -plate or 9 by 12 folding plate Klimax, Aldis Uno anastigmat lens, F/7.7, fully speeded shutter, rising front, film-pack adapter, 3 slides, focusing screen
- 628 Horizontal enlarging easel, marked all sizes to 15 by 12, adjustable paper holding arms on solid polished base
- 629 Butcher's record enlarging easel, 15 by 12, rising and tilting movements, with tension arm
- 630 A  $3\frac{1}{4}$  by  $2\frac{1}{4}$  Premoette camera, R.R. lens, speeded shutter, in leather case
- 631 A  $\frac{1}{4}$ -plate Cameo camera, achromatic lens, Lukos I shutter, 3 single metal slides, and canvas case
- 632 A  $\frac{1}{4}$ -plate Cooke lens, Series III., F/6.5, in automat shutter
- 633 A  $\frac{1}{2}$ -plate Cooke lens, Series V., in sunk mount
- 634 A  $3\frac{1}{2}$  by  $2\frac{1}{2}$  Ernemann aplanat lens, F/6.8, 4-in. focus, in speeded shutter
- 635 Kodak achromatic lens, in speeded shutter

636 Beck telephoto combination for post-card or  $\frac{1}{2}$ -plate camera, working at F/16, and giving 3 to 10 magnifications; consists of Beck Steinheil orthostigmat 7½-in. focus, F/6.3 lens, with telephoto negative lens, and focusing tube

637 A  $\frac{1}{4}$ -plate Busch folding camera, Beck R.R. lens, speeded shutter, Mackenzie Wishart adapter with 6 envelopes

638 8x Leger prism binoculars, eyepiece focusing, and tan leather case

639 Post-card size roll-film Ensign camera, rectimat symmetrical lens, F/8 speeded shutter

640 A  $\frac{1}{4}$ -plate magazine Klito camera, focusing model, rapid symmetrical lens, in canvas case

641 A  $\frac{1}{2}$ -plate triple extension Victo field camera, rapid symmetrical lens, roller blind shutter, 2 book-form slides, canvas case and tripod

642 Pair black leather-covered field glasses, and leather case

643 Post-card size roll-film camera, double extension, rising and cross-front, Goerz Dagor anastigmat lens, F/6.8, fully speeded shutter, and leather case

644 Rouch  $\frac{1}{4}$ -plate magazine camera, R.R. lens, and leather case

645 A  $\frac{1}{4}$ -plate roll-film camera, rapid lens, Unicum speeded shutter

646 6x Ross prism binoculars, eyepiece focusing, and sling strap

647 A  $\frac{1}{2}$ -plate folding plate camera, double extension, rising and cross-front, Goerz Syntor anastigmat lens, F/6.8, Kolios fully speeded shutter, 2 double plate holders

648 A  $\frac{1}{4}$ -plate folding Cameo plate camera, Beck R.R. lens, speeded shutter, 2 metal slides

649 A  $\frac{1}{4}$ -plate Shew camera, no lens, direct vision view-finder, 6 envelopes to take 12 flat films, in canvas case

650 Pair of plated and leather opera glasses, central focusing, in brown leather case

651 A  $\frac{1}{4}$ -plate folding plate camera, rectimat symmetrical lens, speeded shutter, 3 metal slides and canvas case

652 A 10 by 15 folding plate camera, rising and cross front, Ica Novar anastigmat lens, F/6.8, speeded shutter, 5 metal slides

653 A  $\frac{1}{4}$ -plate roll-film camera, R.R. lens, speeded shutter

654 A 5 by 4 Marion's Imperial folding plate camera, double extension, R.R. lens, speeded shutter, 3 double dark slides

655 A  $\frac{1}{4}$ -plate focal plane camera, Taylor, Taylor & Hobson, Cooke focusing lens, F/6.5, focal plane shutter, 3 double dark slides

656 3x prism theatre binoculars, central focusing

657 A 6-in. rapid lens, F/6, in Bausch & Lomb speeded shutter

658 Ross twin lens camera, 5 by 4 black band, R.R. lens, F/6, two 6-ft. magnifiers

659 Toy cinematograph, small oil lamp, 1 spool for film

660 No. 2 Brownie developing tank, no lid to solution cup

661 Davon arc lamp, for lantern or micro. work, variable resistance, 100-250 volts

662 A 2c auto. folding Brownie for R.F., 4 $\frac{1}{2}$ in. by 2 $\frac{1}{2}$ in. in case, rounded ends

663 Set of coloured lantern slides (The World War), 78 slides, in polished carrying case

664 Moss acetylite generator with 4-burner jet, reflector and tray

665 A  $\frac{1}{4}$ -plate reflex camera with Giorno F/6 anastigmat lens, T.P. shutter, revolving back, 3 book-form D.D. slides

666 A 5 by 4 reflex without lens, long extension, revolving back, T.P. shutter, 3 D.D. slides

667 A 5 by 4 square bellows stand camera, R.R. lens, focusing screen and patent Multiplex back

668 Set of 72 microscopic slides, medical subjects, in case

669 Blitz 6-in. Series III. anastigmat lens, F/6.8, in sunk mount, iris diaphragm and flange

670 A  $\frac{1}{2}$ -plate square bellows stand camera, achro. lens, D.D. slide

671 A boxform studio camera, no lens or shutter, focusing screen (A.F.)

672 Fine telescope by Dr. Commons, in wood case

673 An 8 by 10 12-in. rapid symmetrical Wollensak lens, in shutter

674 A 10 by 8 Wray lens, with Waterhouse stops

675 A 9 by 7 R.R. Optimus lens, with Waterhouse stops, in panel

676 A Ross 9 $\frac{3}{4}$  portrait lens, in focusing mount, with Waterhouse stops

677 A portrait lens by the Stereoscopic Company ; and a Dallmeyer portrait lens, wheel stops, on panel

678 An Optimus R.R., 7 by 5, and Waterhouse stops ; and a Ross iris mount (no lenses)

679 A Zeiss telephoto lens, in focusing mount, in leather case, and light filter

680 A Zeiss focusing teletube, a Zeiss tele-negative, and 3 magnifiers

681 A Thornton-Pickard stereo shutter fitted with 2 lens mounts ; a Thornton-Pickard shutter, Bausch & Lomb telephoto tube, a spirit level, a Bee meter, a Watkins' meter ; 3 lens panels and 5 flanges ; 6 tripod screws ; ophthalmoscope telephoto lens cell, and sundries

682 A Stereo camera with pair of Zeiss lenses

683 A long-focus telephoto camera, leather-bound canvas case for same, 14 small metal plate-carriers, and 6  $\frac{1}{4}$ -plate double dark slides

684 A 10 by 8 *Century camera*, by *The Century Camera Company, Rochester, New York*, conical bellows, triple extension, 2 double dark slides, an adapter, 6 dark slides for films, Ross Zeiss anastigmat 6.3 lens, 300mm., and studio camera stand

685 Large ash tripod, and an ash 3-fold tripod

686 An enlarging apparatus with a dark slide, a large oak printing frame, a retouching desk, a daylight enlarger, and 9 printing frames

687 Microscope by Baker, and accessories, in mahogany case (incomplete)

688 A mathematical calculator in mahogany case, a wind gauge, and telemeter, in brown leather case

689 Two barographs and 2 boxes of refills ; telescope tube wood tripod (no lenses) ; wet and dry thermometer, in mahogany case ; and Dumpy level and compass by Richer, Paris, in 2 cases

690 Electric coil, in mahogany box, and 4-volt meter  
 691 Two boxes of microscopic slides  
 692 A scaled level by Troughton, in leather case  
 693 Spectroscope, stand and prisms, in mahogany case  
 694 A copper water distiller ; a mountaineering telescopic levelling rod, in case ; a mountaineering boiler and tripod, leather case ; and cane tripod  
 695 Wet and dry thermometer, old barometer, and quantity of scaled and plain glass tubes  
 696 Chemical balance, in mahogany case, and small balance  
 697 Goerz-Anschutz 5 by 4 focal plane camera, Dagor 6·8 anastigmat lens, and 6 D.D. slides, in leather case  
 698 A  $\frac{1}{4}$ -plate folding Cameo, achro. lens, Lukos I. instantaneous shutter, hooded screen, 2 slides  
 699 A  $\frac{1}{4}$ -plate folding Cameo, achro. lens, T.B.I. shutter, hooded screen, finder, 2 slides  
 700 A 3A film-pack Kodak for post-card films, R.R. lens, Kodak auto. shutter, leather case  
 701 A  $\frac{1}{4}$ -plate folding Cameo, achro. lens, T.B.I. shutter, hooded screen, 2 single slides  
 702 A  $\frac{1}{4}$ -plate Sanderson roll-film camera, also for plates, double extension, Goerz Dagor anastigmat lens, F/6·8, automat speeded shutter, hooded screen, 3 D.D. slides, ball and tube release, time valve, Thornton-Pickard patent ball compressor  
 703 No. 2c autographic folding Brownie, for roll-films,  $4\frac{1}{4}$  by  $2\frac{1}{2}$   
 704 A  $2\frac{1}{8}$ -in. folding Ensign camera for roll-films,  $4\frac{1}{4}$  by  $2\frac{1}{2}$ , achro. lens, and T.B.I. shutter  
 705 A 3A film-pack Kodak for roll-films, post-card size, R.R. lens, automatic shutter, and case  
 706 A 4A speed Kodak, roll-films, rack focusing, Aldis anastigmat lens, F/6·3, focal plane shutter, double view finder, plate back adapter, focusing screen, and 3 D.D. slides  
 707 No. 2 stereo Brownie for full-size stereo roll-films  
 708 A  $\frac{1}{4}$ -plate folding plate camera, double extension, rising and cross front, Ross homocentric lens, F/5·6, Koilos speeded shutter, and 2 single slides

709 A 7 by 5 folding Ideal camera, double extension, rising front, brilliant finder, spirit level, hooded focusing screen, a D.D. slide, and canvas case, no lens

710 A 5 by 4 Adams' Idento folding camera, Ross homocentric lens, F/6·3, speeded shutter, double view finder, hooded screen, film-pack adapter, 3 D.D. slides, leather wallet, and black leather case

711 Whole-plate D.E. stand camera, solid base-board, reversing and swing back, R.R. lens, 1 D.D. slide

712 A P.C. size folding camera, with rapid aplanat lens, antinous release, in case, and 12 slides

713 A  $\frac{1}{4}$ -plate box camera

714 Ross lens Actinic triplet, 14-in. focus, with 2 flanged adapters, and  $\frac{1}{4}$ -plate roll-film holder

715 A  $\frac{1}{4}$ -plate Shew reflex camera, with Goerz Dagor lens, Goerz Tele-negative lens, 6 double slides, adapter, and 6 single slides

716 A whole-plate camera, with 3 double slides, tripod and Ross lens, in case

### ELECTRICAL APPARATUS, &c.

717 A  $\frac{1}{2}$ -h.p. 110-volt A.C. electric motor, in good order

718 An electric choking coil, 100 volts, in box lined with thick asbestos

719 A  $\frac{1}{4}$ -plate box camera

720 Electric arc lamp with compound adjustment, and weighing machine

721 Two captured German telephones, with internal magnetos and magneto bells and cordless switchboard

722 Twelve gas globes, 12 shades, and 6 dozen flexible tube tops; 2 sets of taper reamers (8), 2 hand vices, and 6 assorted gas brackets

723 A 12 by 9 X-Ray screen fitted with lead glass and aluminium back, perfect condition

724 Metronome, in perfect condition

731 Box containing sundry electrical wireless apparatus, telephone receivers, transformers, condensers, etc.

732 A similar lot

733 A similar lot, containing a step-down transformer, a number of fuse wires, etc., and sundry apparatus

734 A similar lot

735 A similar lot

736 A similar lot

737 A similar lot

738 A similar lot

739 A similar lot

740 A similar lot

741 Five large condensers, suitable for 10-in. coil

742 A Marconi short-wave set, with 2 crystal detectors, buzzer, and throw-over switches

743 Two 14-volt Lucas accumulators, and a Lucas Hybro dynamo

744 A quantity of leads and plugs and ex-French amplifiers

745 A similar lot

746 Box containing quantity telephone cords

747 Number of new Bowden wire clutch controls

748 Six G.P.O. Morse keys and buzzers, with platinum contacts for Morse practice

749 A similar lot

750 A similar lot

751 A similar lot

752 A similar lot

753 A similar lot

754 A similar lot

755 Box containing quantity of wire

756 A similar lot

757 Six Morse keys and buzzers with platinum contacts

758 A similar lot

759 A similar lot

760 A similar lot

761 A similar lot

762 A similar lot

763 A similar lot

764 A similar lot

765 A similar lot

766 A similar lot

767 Box containing number of new Bowden controls

768 Box containing number of electrical sundries, and wireless apparatus

769 Box containing number of electrical wireless sundries 100

770 A similar lot 100

771 A similar lot 100

772 A similar lot 100

773 A similar lot 100

774 A similar lot 100

775 A similar lot 100

776 A similar lot 100

777 A similar lot 100

778 A similar lot 100

779 Box containing instruments, ebonite, Morse tappers, etc. 100

780 Seven wind gauges, by Negretti & Zambra 100

781 Box containing electrical wireless sundries 100

782 Two telephone instruments 100

783 A 50-watt trench set 100

784 A similar lot 100

785 A similar lot 100

786 A similar lot 100

787 A similar lot 100

788 A similar lot 100

789 A voltmeter 100

790 A 6-in. inductance coil, with platinum contacts and condenser 100

791 Box of various electrical instruments, sterling coils and rotary spark gap 100

792 Ten signalling lamps, suitable for garages, etc. 100

793 A similar lot 100

794 A similar lot 100

795 A similar lot 100

796 A similar lot 100

797 A similar lot 100

798 A similar lot 100

799 A similar lot 100

800 A similar lot 100

801 A similar lot 100

802 Two Western transformers in metal boxes 100

803 A similar lot 100

804 A similar lot 100

805 A similar lot 100

806 A similar lot 100

807 A similar lot 100

808 Number of telegraph instruments in boxes  
809 A similar lot  
810 A similar lot  
811 A similar lot  
812 A similar lot  
813 A similar lot  
814 A similar lot  
815 A similar lot  
816 Two 3,000 volt step-up transformers, suitable  
for wireless telephony  
817 One Sullivan milliammeter, perfect condition  
818 Box containing number of electrical sundries  
819 A similar lot  
820 A similar lot  
821 A similar lot  
822 A similar lot  
823 A similar lot  
824 A similar lot  
825 A similar lot  
826 A similar lot  
827 Box containing number of electrical sundries  
828 A similar lot  
829 A similar lot  
830 One box containing resistance bridge telephone  
transformer, etc.  
837 Dry compass  
838 Six compass cards in cases, 6in.  
839 Six ditto, 10in.  
840 Six compass glasses in cases, 10in.  
841 Six ditto, 6in.  
842 Gross of Bray's acetylene burners, Luta and Elta  
843 Four Lucas daylight signalling lamps  
844 A resistance  
845 Two expensive tapping sets, in boxes  
846 Two rheostats  
847 Walker's ship log  
848 Six small galvanometers  
849 Two radiation meters  
850 Mine exploder, complete  
851 Two speaking mirrors for wireless

31-1726  
94  
107.196

852 Two 12-line buzzers  
 853 New brass bracket standard lamp, and an inverted pendant shade; 3 new Stott gas governors; a gross assorted cardboard shades, and 3 electric irons  
 854 Four electric irons, 3 new 7-grid electric toasters, 200/240 volt, and 4 new electric irons  
 855 Nineteen relays  
 856 Large heating oil stove  
 857 A pair of new ball-bearing skates  
 858 A pair of motor side lamps

END OF SALE

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## Sale Announcements.

TUESDAY AND WEDNESDAY NEXT.

ARMS AND ARMOUR, including an interesting Series of Reproductions of early Helmets, etc., Cap-a-pie Suits, Weapons, etc., being the remainder of the Collection from Parham, Pulborough.

*The Property of the Rt. Hon. Baroness Zouche.*

Also an interesting collection of Javanese Puppet Figures, Bronzes, etc., from Tibet; Two BONE APRONS, Fetishes and Carvings from Benin, the Congo, etc.; Ethnographical Specimens from Polynesia; a MAORI TATTOOED HEAD, and an Interesting Collection of Tobacco Pipes,

FURNITURE, China, Carved Ivories, Pictures, etc.

*Catalogues on Application to*

**38 KING STREET, COVENT GARDEN, W.C.2.**